

**Summer Flounder Stock Assessment Workgroup (SAW)
Data/Model/Reference Point Meeting**

Sept. 17-21, 2018

Clark Conference Room, NEFSC, Woods Hole, MA

Purpose: Prepare the summer flounder stock assessment and ensure the assessment terms of reference (TORs) have been fully addressed in the reports and documents provided to the Stock Assessment Review Committee (SARC).

Deadline for Working Papers: All working papers are due September 6, 2018. Please contact the SAW chair, Jessica Coakley (jcoakley@mafmnc.org; 302-526-5252) if you intend to submit a working paper.

Meeting Logistics: All meetings are being held in the Clark Conference room (aquarium building) Woods Hole, MA. Directions to Woods Hole and the NMFS laboratory can be found here:
<https://www.nefsc.noaa.gov/nefsc/woodshole/directions.html>

You will not need to check in at the NMFS front desk unless you are parking at NMFS facilities. Upon arrival, we will provide participants with a code for the side door for times when the aquarium is not open.

Parking spaces may be limited at the NMFS lab and attendees are encouraged to carpool if convenient. If you park in the NMFS parking lots, you need to check in at the front desk for a parking pass and you will be directed to park in a the designated/coned area.

If you have questions about the meeting location or parking, contact the NMFS front desk at 508-495-2000.

Remote Participation - We will be sharing the presentations over an Adobe Connect connection with audio over a teleconference line.

- Conference Number(s): US toll free (866) 836-6169 and enter participant code 5443237
- To join the meeting: <https://noaast.adobeconnect.com/fluke/>
- Test your connection: https://noaast.adobeconnect.com/common/help/en/support/meeting_test.htm

Presentations and supporting documents will be shared on the working group website:

<http://www.nefsc.noaa.gov/ExternalDrive>

Username: summerflounder

Password: flOunder!

Agenda

Note: Agenda times are approximate and may be modified at the discretion of the chair.

Day 1 - Monday, September 17, 2018

1:00pm - 5:30pm*

- Introductions and overview of agenda
- TOR 1
 - Catch, landings, discards, fishing effort in space and time – Terceiro/A. Miller
 - Compare recreational data; previous and re-estimated MRIP - Terceiro

Day 2 - Tuesday, September 18, 2018

9:00am - 5:30pm*

- TOR 2
 - Survey data, including spatial distribution - *Terceiro/A. Miller*
 - Work to aggregate multiple indices - *McNamee*
 - Effect of variable wing spread on NEFSC bottom trawl survey - *Blaylock*
 - CPUE Derived from Cooperative Research Study Fleet - *Gervelis*
 - Consider utility of commercial/recreational LPUEs as indices
 - Discuss basis for inclusion/exclusion of survey data
- TOR 3
 - Data on life history characteristics - *Terceiro*
 - Work on stock spatial distribution using VAST - *Perretti*
 - URI work on spatial modeling by sex - *Langan*
 - Spatiotemporal analysis and model comparison using R-INLA – *Sullivan*
 - Occupancy habitat and ecosystem-based biomass and abundance estimates - *McNamee/Friedland*
 - Developing contextual ecosystem information for stock assessments - *Friedland/Large*
 - Discuss factors related to productivity of the stock and any ecosystem factors influencing recruitment

Day 3 - Wednesday, September 19, 2018

9:00am - 5:30pm*

- TOR 4 - Primary model
 - Estimates of F, R, SSB and TSB from assessment model - *Terceiro*
 - Within-model and historical retrospectives - *Terceiro*
 - Sensitivity of model results to re-estimated MRIP, and other assumptions (M, index choices, etc.)
- TOR 4 - Supportive models (review any progress since last meeting)
 - State-space model - *T. Miller*
 - SS3 Sex-Structured Virtual Population Analysis - *Maunder*

Day 4 - Thursday, September 20, 2018

9:00am - 5:30pm*

- TOR 5
 - Stock status based upon updating the existing BRPs - *Terceiro*
 - Accounting for sex in equilibrium per-recruit BRPs - *T. Miller*
 - Dynamic reference points - *Maunder*
 - Consider existing BRP methods and whether to modify the approach
- Review the work on Plan B - *Legault*

* Public comment period from 5:00pm - 5:30pm. Invited presenters are given in *italics*.

Day 5 - Friday, September 21, 2018

9:00am - 12:30pm

- Wrap up discussion on TORs 1-5, and working papers
- Next steps for next meeting (scheduled for Oct. 2-5)

12:30pm - 1:00pm - Public comment period

* Public comment period from 5:00pm - 5:30pm. Invited presenters are given in *italics*.